

TKMARS C3

TKMARS C3 Baby Monitor User Manual

Model: C3

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your TKMARS C3 Baby Monitor. Please read this manual thoroughly before operating the device and retain it for future reference. The TKMARS C3 is a non-WiFi video baby monitor designed to provide clear audio and video surveillance of your baby, featuring infrared night vision, 4X zoom, a 3.2-inch IPS screen, and temperature detection.

PRODUCT OVERVIEW

Key Features

- **3.2-inch IPS Display:** Provides a clear view of your baby.
- **2.4GHz Wireless Connection:** Secure and private connection without relying on Wi-Fi.
- **Infrared Night Vision:** Automatic night vision for clear monitoring in low light conditions up to 5 meters.
- **4X Digital Zoom:** Allows for closer inspection of your baby.
- **Two-Way Audio:** Speak to your baby remotely through the monitor.
- **VOX Mode (Voice Operated Exchange):** Automatically activates the screen and alerts you when sound is detected.
- **Lullaby Function:** Six built-in lullabies to soothe your baby.
- **Temperature Detection:** Monitors the room temperature and provides alerts if it falls outside a comfortable range.
- **Feeding Reminder:** Customizable alarms to remind you of feeding times.
- **Long Battery Life:** Monitor unit features a 2000mAh battery for approximately 8 hours of continuous use.

NEW NINE GUARDIANS



Accompany the lovely baby side
Powerful to meet different needs



Support 4X zoom
in and out



Cry detection



Nursing reminder



Temperature detection



Lullaby



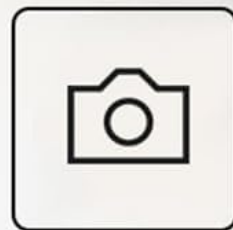
Voice intercom



Video surveillance



Infrared night vision



480P

Image: Overview of the TKMARS C3 Baby Monitor's main functions.

Package Contents

Ensure all items are present upon unboxing:

- 1x Monitor Unit
- 1x Camera Unit
- 2x 1m Type-C Charging Cables
- 1x User Instructions Manual

- 1x Set of Screws (2x Plugs, 2x Screws, 1x Reset Pin)

SETUP GUIDE

1. Charging the Monitor Unit

1. Connect one Type-C charging cable to the monitor unit's charging port.
2. Plug the other end of the cable into a compatible 5V1A USB power adapter (not included).
3. Charge the monitor for 6-7 hours before first use to ensure full battery capacity. The battery indicator on the screen will show charging status.

2. Powering the Camera Unit

1. Connect the second Type-C charging cable to the camera unit's power port.
2. Plug the other end of the cable into a compatible 5V1A USB power adapter (not included). The camera unit requires continuous power to operate.

3. Camera Placement

- Place the camera unit on a flat, stable surface such as a dresser or shelf, ensuring it has a clear view of the baby's crib.
- Alternatively, use the provided screws to mount the camera to a wall. Ensure it is securely fastened and positioned at a safe distance from the crib, out of reach of the baby.
- Position the camera approximately 1 to 2 meters (3 to 6 feet) away from the baby for optimal viewing.



Image: TKMARS C3 Baby Monitor components.

4. Initial Pairing (Usually Automatic)

The monitor and camera units are typically pre-paired at the factory. Once both units are powered on, the monitor should automatically display the camera's feed.

If pairing is not automatic or the connection is lost:

1. Access the menu on the monitor unit.
2. Navigate to the "Camera Pairing" or "Add Camera" option.
3. Follow the on-screen instructions to initiate pairing. This usually involves pressing a pairing button on the camera unit within a specific timeframe.

OPERATING INSTRUCTIONS

Monitor Controls

The monitor unit features several buttons for navigation and control:

- **OK Button:** Confirms selections or enters menus.
- **Arrow Buttons (Up/Down/Left/Right):** Navigate through menus and adjust settings.
- **Menu Button:** Accesses the main menu.
- **Talk Button (Microphone Icon):** Activates two-way audio.
- **Zoom Button (Magnifying Glass Icon):** Toggles digital zoom levels (2X/4X).
- **Lullaby Button (Music Note Icon):** Plays or stops lullabies.

1. Two-Way Audio (Voice Intercom)

1. Press and hold the **Talk Button** (microphone icon) on the monitor unit.
2. Speak clearly into the monitor's microphone. Your voice will be transmitted to the camera unit.
3. Release the button to stop speaking and listen for your baby's response.

Vox mode and two-way walkie talkie

Talk to the baby over the intercom and keep an eye on the baby at all times



Image: Using the two-way audio feature to communicate with your baby.

2. VOX Mode (Cry Detection)

VOX mode conserves battery by turning off the monitor screen when no sound is detected. When your baby cries or makes significant noise, the screen will automatically activate and alert you.

1. Access the main menu on the monitor.
2. Navigate to the "VOX Settings" or "Sound Activation" option.
3. Enable VOX mode and adjust the sensitivity level as desired. Higher sensitivity detects softer sounds.

CRY DETECTION



When the baby cries are detected, push the alarm notification, so that you can know the abnormal situation in the first time



Image: The monitor displaying a cry detection alert.

3. Infrared Night Vision

The camera automatically switches to infrared night vision mode in low light conditions, providing a clear black and white image of your baby.

Automatically switch to infrared night vision mode

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Image: Automatic infrared night vision activation.

4. Digital Zoom

Press the **Zoom Button** (magnifying glass icon) to cycle through 2X and 4X digital zoom levels. Press again to return to normal view.

5. Lullaby Playback

1. Press the **Lullaby Button** (music note icon) to start playing lullabies.
2. Press the button again to cycle through the available lullabies or to stop playback.

LULLABY PLAYBACK



Lullabies can be set to play to
lull the baby to sleep



Image: Lullaby playback to soothe your baby.

6. Temperature Monitoring

The monitor displays the current room temperature detected by the camera unit. You can set temperature alerts in the menu.

1. Access the main menu.
2. Navigate to "Temperature Settings".
3. Set the desired high and low temperature thresholds. An alarm will sound if the temperature goes outside this range.

TEMPERATURE DETECTION



A built in Alarm will warn you when baby room temperature higher than 30 degree, or below 20 degrees



Image: Monitor displaying room temperature.

7. Feeding Reminder

Set alarms to remind you of your baby's feeding schedule.

1. Access the main menu.
2. Navigate to "Feeding Reminder" or "Alarm Settings".
3. Set the desired interval (e.g., 2 hours, 4 hours) or specific times for feeding alerts.

FEEDING REMINDER



Set up a wake-up call function, feed your baby regularly,
and give your baby a regular diet



Image: Setting up a feeding reminder.

MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the surfaces of the monitor and camera units. Do not use abrasive cleaners or solvents.
- **Lens Care:** Gently wipe the camera lens with a lens cleaning cloth to ensure clear image quality.
- **Storage:** If storing the device for an extended period, ensure both units are fully charged, then power them off. Store in a cool, dry place.

- **Battery Care:** For optimal battery life, avoid fully discharging the monitor unit frequently. Charge it regularly.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No image/sound on monitor	Camera or monitor not powered on; Out of range; Not paired.	Ensure both units are powered and charged. Move monitor closer to camera. Re-pair units as per setup instructions.
Poor image quality	Low light (not in night vision); Camera lens dirty; Obstructions.	Ensure sufficient lighting or check night vision activation. Clean camera lens. Remove any objects blocking the camera's view.
Static or interference	Other 2.4GHz devices nearby; Distance too great.	Move the monitor or camera away from other wireless devices (e.g., Wi-Fi routers, microwaves). Reduce the distance between units.
VOX mode not activating	VOX sensitivity too low.	Increase VOX sensitivity in the monitor's settings.
Monitor battery drains quickly	Screen always on; VOX mode off; Aging battery.	Enable VOX mode. Reduce screen brightness. Ensure full charge before use. Battery life naturally decreases over time.

SPECIFICATIONS

Camera Unit

- **Image Sensor:** GC0308
- **Image Sensor Pixel:** 300k (640*480)
- **Night Vision Distance:** 5 meters
- **Focal Length:** 3.7mm
- **Angle:** 50 degrees
- **Video Compression:** MJPEG
- **Power Supply:** 5V1A, Type-C port (plug-in use)

Monitor Unit

- **LCD Screen Type:** 3.5-inch IPS screen
- **Image Resolution:** 240*320
- **Battery:** Li-polymer battery 3.7V, 2000mAh
- **Charging Time:** 6-7 hours
- **Power Supply:** 5V1A, Type-C port

General

- **Transmission Mode:** 2.4G Wireless
- **Transmission Distance:** Up to 300 meters (open and barrier-free), less than 50 meters (indoor)
- **Material:** ABS
- **Indoor/Outdoor Usage:** Indoor
- **Mounting Type:** Tabletop Mount / Freestanding
- **Product Dimensions:** 7 x 4 x 1 inches (approximate)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact TKMARS customer service directly. Contact details can typically be found on the product packaging or the official TKMARS website.

Please note that protection plans are available for purchase separately and are not included with the standard product warranty.

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